

## **QUESTIONNAIRE I: CONSEQUENCE ASSESSMENT MODELS**

### **SPECIFIC CHARACTERISTICS**

#### **PART F: HEALTH CONSEQUENCE SUBMODEL TYPE**

**MODEL NAME:**

Identify all applicable algorithms that treat the community exposure effects. Describe the model algorithm next to the appropriate type(s) listed.

1	<b>For Chemical Consequence Assessment Models</b> <i>(describe which type of exposure criteria are used for assessment of human health effects from exposure to hazardous chemicals)</i>	<b>a. <u>Health effects:</u></b>  ___fatalities                      ___cancers ___latent cancers              ___symptom onset
		<b>b. <u>Health criteria:</u></b>  ___IDLH      ___STEL      ___TLV      ___TWA ___ERPG      ___TEEL      ___AEGL      ___WHO
		<b>c. <u>Zones with flammable limits:</u></b>  ___UFL                      ___LFL
		<b>d. <u>Blast overpressure regions:</u></b>
		<b>e. <u>Fire radiant energy zones:</u></b>
		<b>f. <u>Risk qualification:</u></b>
		<b>g. <u>Concentration:</u></b>  ___single value              ___time-history ___integrated dose
		<b>h. <u>Probits:</u></b>

2	<b>For Radiological Consequence Assessment Models</b> <i>(describe type of exposure criteria used for assessment of human health effects from exposure to radionuclides)</i>	<b>a. <u>Cloudshine:</u></b> <input type="checkbox"/> finite cloud <input type="checkbox"/> semi-finite cloud <input type="checkbox"/> other
		<b>b. <u>Groundshine:</u></b> <input type="checkbox"/> short-term <input type="checkbox"/> long-term
		<b>c. <u>Inhalation:</u></b> <input type="checkbox"/> short-term <input type="checkbox"/> long-term <input type="checkbox"/> Total effective dose equivalent <input type="checkbox"/> Uptake of respirable fraction of particle spectra
		<b>d. <u>Resuspension:</u></b> <input type="checkbox"/> short-term <input type="checkbox"/> long-term <input type="checkbox"/> Anspaugh
		<b>e. <u>Food/Water Ingestion:</u></b> <input type="checkbox"/> dynamic <input type="checkbox"/> static
		<b>f. <u>Skin dose:</u></b> <input type="checkbox"/> absorption <input type="checkbox"/> other
		<b>g. <u>Dose assessment:</u></b> <input type="checkbox"/> ICRP-60 criteria <input type="checkbox"/> organs <input type="checkbox"/> pathways
		<b>h. <u>Health effects:</u></b> <input type="checkbox"/> early <input type="checkbox"/> latent

3	<b>For Weapons Consequence Assessment Models</b> <i>(describe which type of exposure criteria are used for assessment of human health effects from exposure to biological or chemical weapons)</i>	<p><b>a. <u>Health effects:</u></b></p> <p>___fatalities            ___cancers          ___latent cancers    ___symptom onset</p> <hr/> <p><b>b. <u>Health criteria:</u></b></p> <p>___IDLH    ___STEL    ___TLV    ___TWA          ___ERPG    ___TEEL    ___AEGL</p> <hr/> <p><b>c. <u>Risk quantification:</u></b></p> <hr/> <p><b>d. <u>Concentration:</u></b></p> <p>___single value            ___time-history          ___integrated dose</p> <hr/> <p><b>e. <u>Probits:</u></b></p>
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